Contents Volume 31

Vol. 31, No. 1

Supercritical water oxidation: An emerging technology
H.E. Barner, C.Y. Huang, T. Johnson, G. Jacobs, M.A. Martch and W.R. Killilea (Bloomfield, NJ, U.S.A.) 1

Innovative technology for controlling VOC emissions
P.-C. Chiang, P. Chang and J.-H. You (Taipei, Taiwain) 19

Identification of toxic PAH compounds in emitted particulates from incineration of urban solid wastes
P.-C. Chiang, J.-H. You, S.-C. Chang and Y.-H. Wei (Taipei, Taiwan) 29

Leaching of simulated heavy metal waste stabilized/solidified in different cement matrices
R.B. Heimann (Edmonton, Alta., Canada), D. Conrad, L.Z. Florence, M. Neuwirth, (Vegreville, Alta., Canada) D.G. Ivey (Edmonton, Alta., Canada), R.J. Mikula and W.W. Lam (Devon, Alta., Canada) 39

Effects of leaching on pore size distribution of solidified/stabilized wastes
P.L. Bishop, R. Gong and T.C. Keener (Cincinnati, OH, U.S.A.) 59

Enhancement of organic vapor incineration by using ozone
C.A. Clausen , C.D. Cooper, M. Hewitt and A. Martinez (Orlando, FL, U.S.A.) 75

Book Reviews 89
Announcements 115

Vol. 31, No. 2

Hazardous materials incidents reporting: Results of a nationwide trial
C. Winder, A. Tottszer, J. Navratil and R. Tandon (Sydney, NSW, Australia) 119

On the management of severe chemical accidents DECARA: A computer code for consequence analysis in chemical installations. Case Study: Ammonia plant
I.A. Papazoglou, M. Christou, Z. Nivolianitou and O. Aneziris (Athens, Greece) 135

Modelling heavy gas cloud transport in sloping terrain
J. Kukkonen and J. Nikmo (Helsinki, Finland) 155

Project report
The CEC Major Technological Project BA: Research on continuous and instantaneous heavy gas clouds
J.K.W. Davies (Sheffield, UK) 177

Book Reviews 187
Announcements 215

Vol. 31, No. 3

Special Issue: SARA Title III

Guest Editorial
SARA Title III — A new era of corporate responsibility and accountability
J.P. Fillo and C.J. Keyworth (Pittsburgh, PA, USA) 219

Chemical risk assessment — A tool for disaster prevention
A. Ziegler (Zürich, Switzerland) 233

Emergency notification under SARA Title III: Impacts on facility emergency planning
C.J. Keyworth (Alzenau, Germany), D.G. Smith (Acton, MS, USA) and H.E. Archer (Essex Junction, VT, U.S.A.) 241

A Computerized Method for Reporting SARA Title III Section 313 emissions from a petroleum refinery
L.M. Curran and G.J. Kizior (Naperville, IL, USA) 255

California SARA Title III Section 313 data for reporting years 1987 and 1988
S.D. Hanna, K. Rudbrink, M. Vlahovic and C.M. Shulock (Sacramento, CA, USA) 277

Quantifying potential off-site impacts of SARA Title III air releases
D.W. Heinold (Acton, MA, USA) 297

Author Index Vol. 31 311
Contents Vol. 31 312